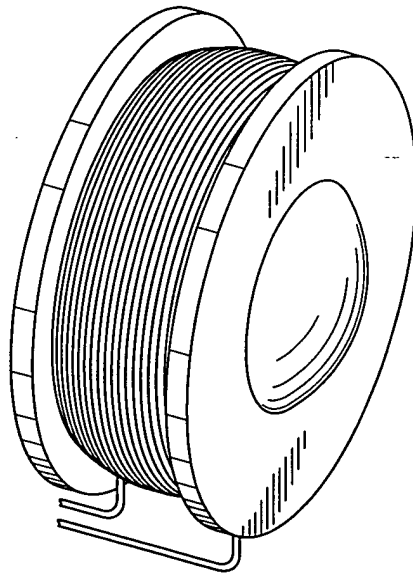


PREFERRED IMAGE FOR FRONT PAGE





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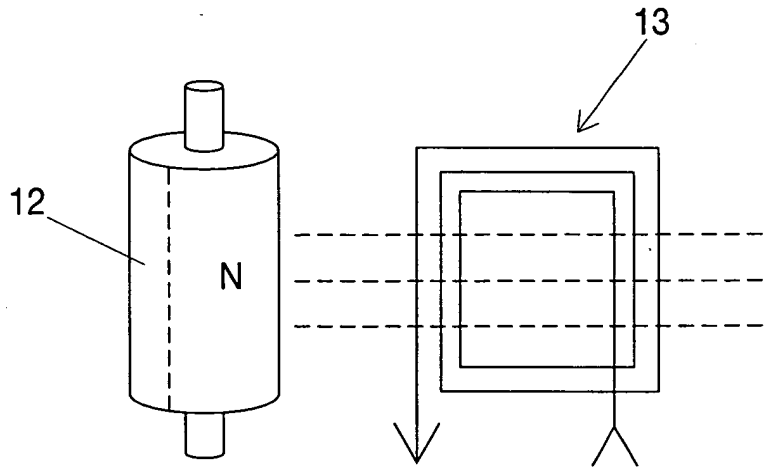


Fig. 1
Prior Art

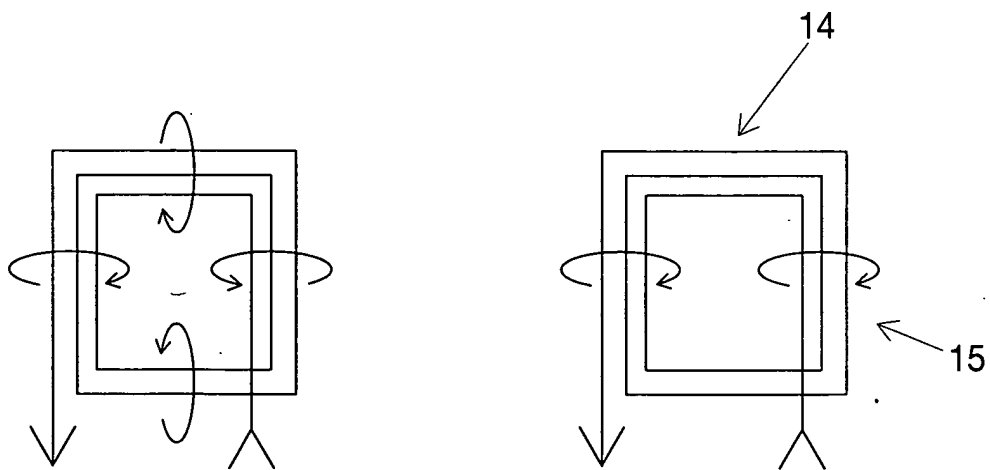


Fig.2
Prior Art

Fig.3
Prior Art



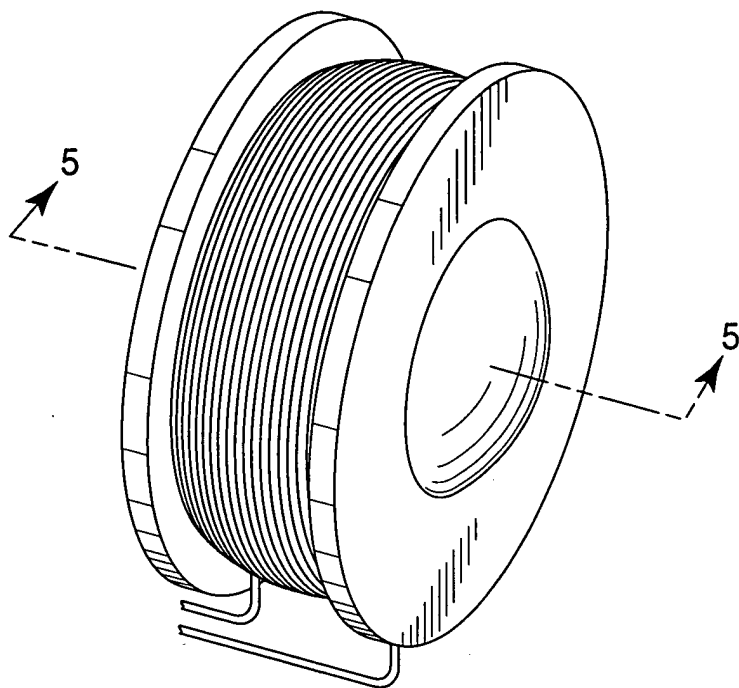


Fig. 4

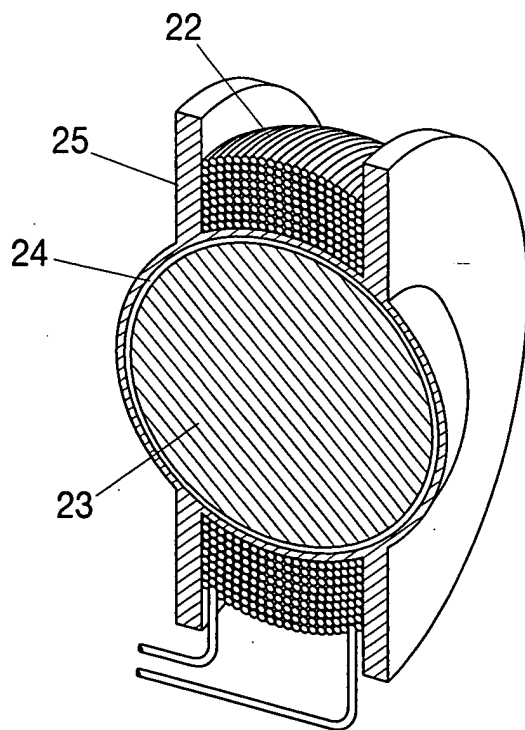


Fig. 5

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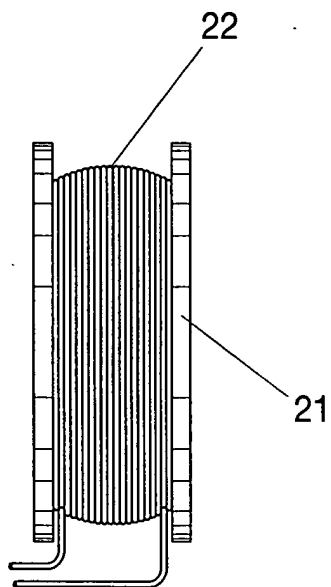


Fig. 6

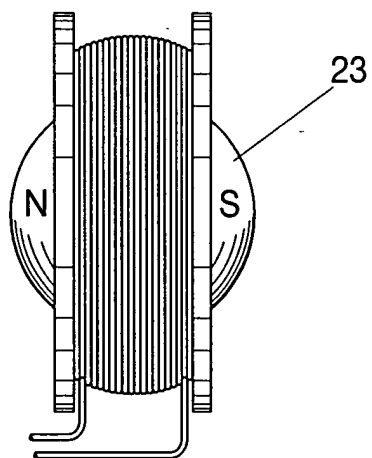


Fig. 7

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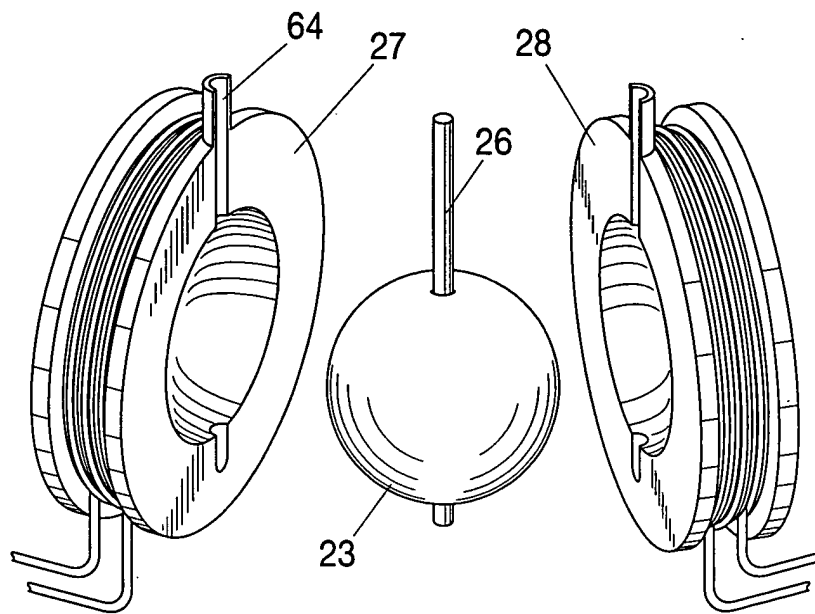


Fig. 8

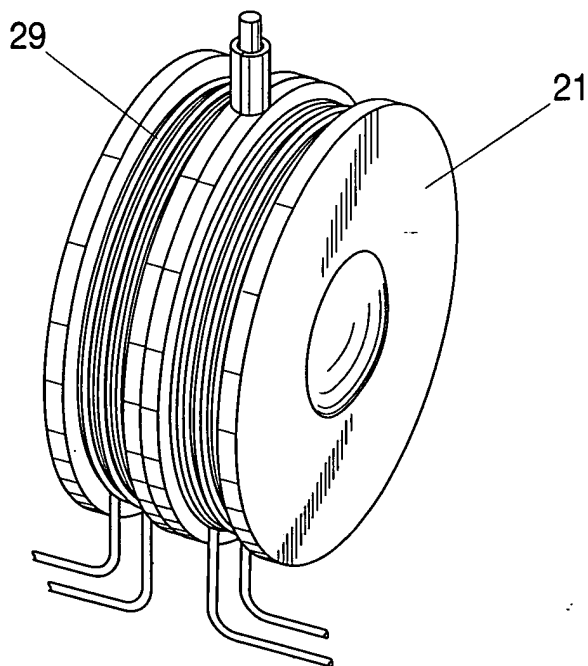


Fig. 9

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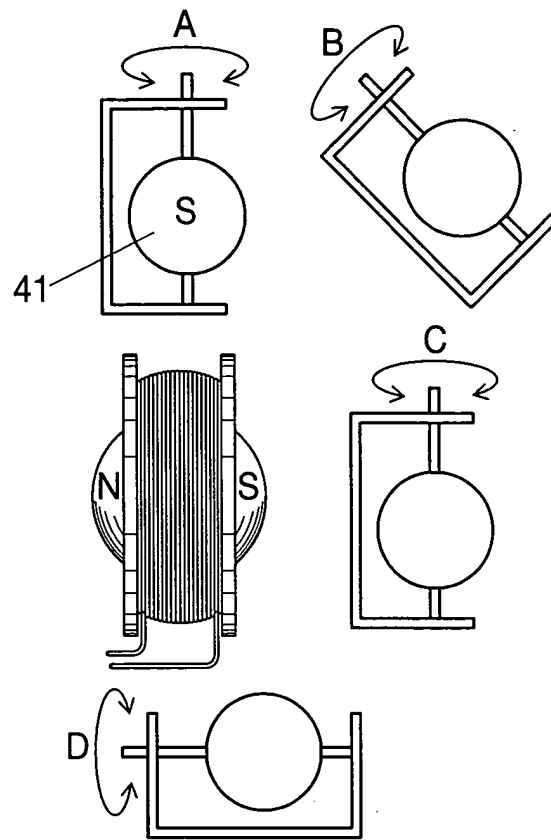


Fig. 10

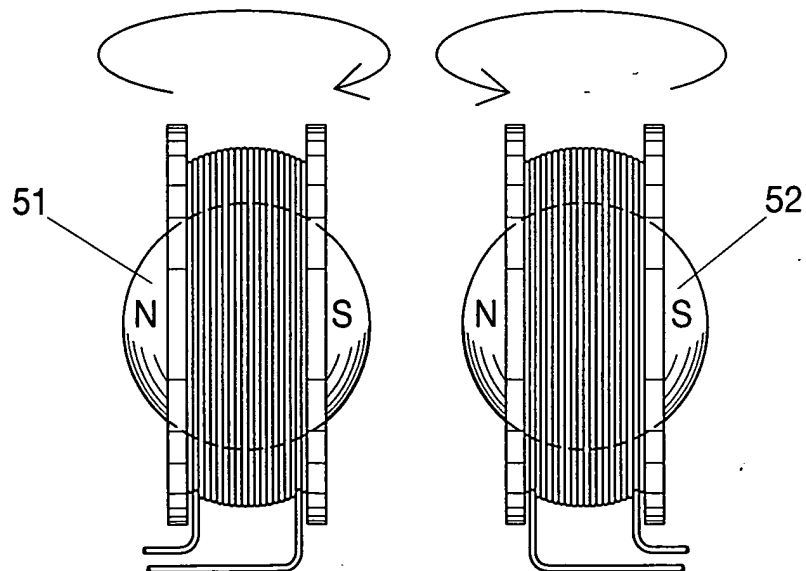


Fig. 11

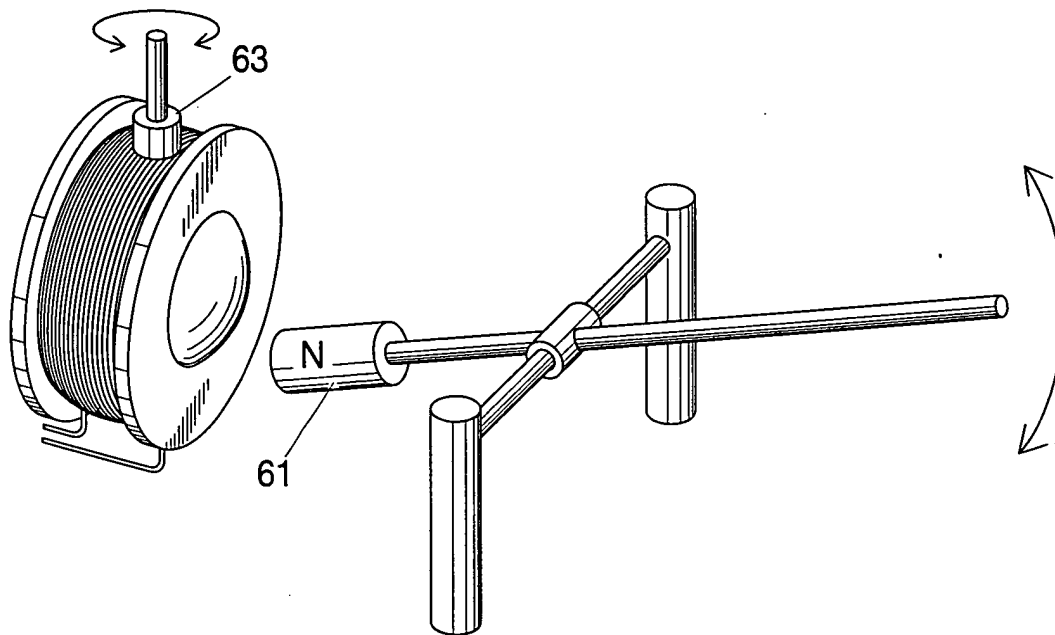


Fig. 12

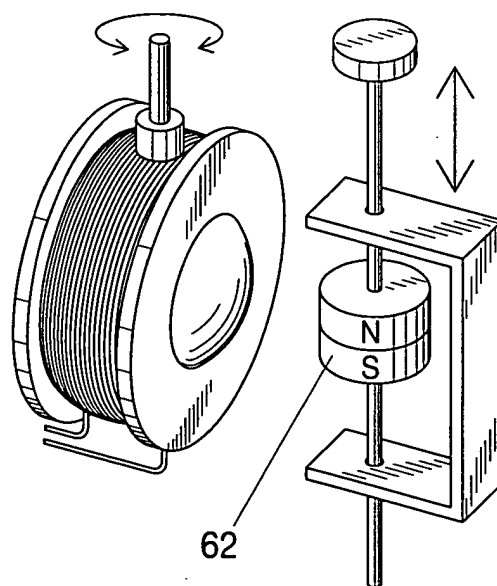


Fig. 13

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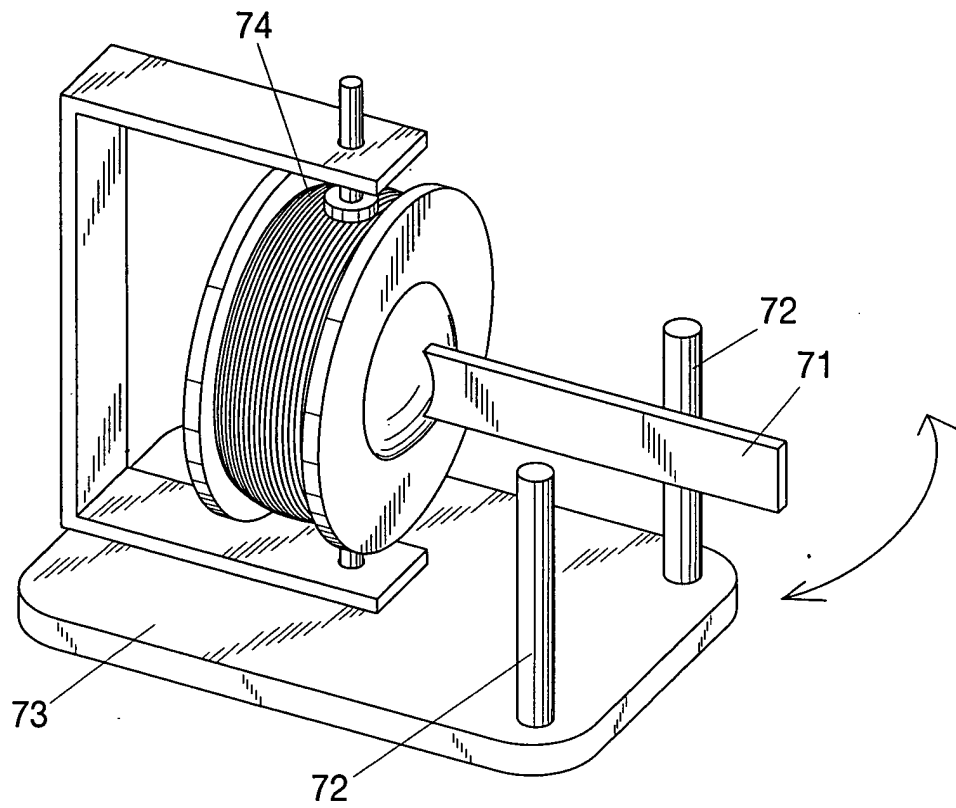


Fig. 14

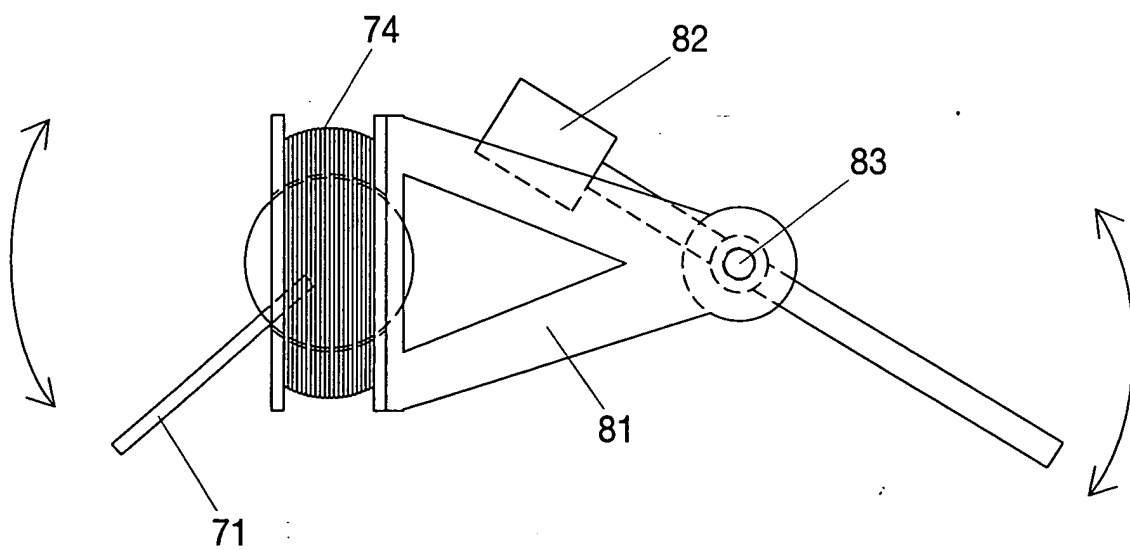


Fig. 15

1.67 Hz (100 RPM)

LOAD	Vpp	Ipp	Ppp	VRMS	IRMS	PRMS
Inf	12			8.5		
1K OHM	10	10ma	100mw	7.1	7.07E-03	5.00E-02
* 100 OHM	5	50ma	250mw	3.5	3.54E-02	1.25E-01
50 OHM	3	60ma	180mw	2.1	4.24E-02	9.00E-02
10 OHM	1	100ma	100mw	0.7	7.07E-02	5.00E-02
1 OHM	0.1	100ma	10mw	0.1	7.07E-02	5.00E-03

Fig. 16